

DCR-TRV25

Digital Handycam® Camcorder



FEATURES

▶ 1/4.7" Advanced HAD™ CCD Imager, 1.0 Mega Pixels Gross



1/4.7" Advanced HAD (Hole Accumulation Diode) CCD imager with 690K (effective) pixels provides excellent detail and clarity, with exceptional digital video performance. Realize great looking digital still images utilizing 1000K (effective) pixels. The Mega Pixel technology enhances your digital videos and digital photography performance.

Mini DV Recording

Mini DV digital recording format delivers 3X color bandwidth of VHS and lower signal to noise ratio compared to analog formats and provides stunning video performance.

Advanced HAD™ CCD Technology

The Advanced HAD (Hole Accumulation Diode) enhanced CCD design allows for more light to reach the imager which reduces video noise to improve signal-to-noise ratio by up to 6dB (2X better than a standard CCD imager). Particularly effective when shooting in dark situations.

▶ 520 Lines of Horizontal Resolution

Sony's Advanced HAD™ CCD technology, combined with Carl Zeiss® optics, provide outstanding video performance with 520 horizontal lines of resolution.

Professional Quality Carl Zeiss® Vario-Sonnar Lens

Carl Zeiss lens have an advanced optical multi-layer coating offering less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation, and perfect renditions of subtle tones.

10X Optical/120X Precision Digital Zoom

The Carl Zeiss® Optical Zoom brings the action close up from far away. In addition, precision digital zoom interpolation technology means that extreme digital zooming is clearer, with less distortion than previous types of digital zoom.

2.5" SwivelScreen™ LCD Display (123K Pixels)

The 2.5" SwivelScreen LCD display provides excellent viewing clarity with improved resolution. The 123K pixel LCD rotates up to 270-degrees for multiple viewing angles providing sharp detailed images for monitoring or playback.

Super SteadyShot Picture Stabilization System



An advanced version of Sony's SteadyShot system that controls an even higher range of shake and vibration frequencies, to achieve an even higher level of smoothness without degradation of video like some other image stabilization systems.

Digital Still Memory Mode with Memory Stick® Media



Digital Still Memory Mode captures high quality Mega Pixel still images up to 1152 x 864 resolution directly to Memory Stick® media. Images are stored in a JPEG format providing easy transfer to PCs for email, printing, or sharing with family and friends.

MPEG Movie EX Mode



Unlike other MPEG1 movies, MPEG Movie EX will allow you to record uninterrupted to the full capacity of the Memory Stick media. For example, the 128MB Memory Stick media will record up to 85 minutes of non-stop MPEG videos.

i.LINK®* DV Interface (IEEE 1394)



A high speed bi-directional digital video/audio communication between two devices equipped with a IEEE1394 interface, including camcorders, digital VCRs, and PCs.

Analog-to-Digital Conversion with Pass-Through

Convert and/or record any analog NTSC video source to digital video via the analog inputs. Analog NTSC video can also be passed-through the Digital Handycam camcorders directly into a PC via the i.LINK interface in real time for easy PC editing of your analog footage.

USB Streaming

Stay connected with family and friends by broadcasting live video with audio, via the internet with the USB interface. You can even playback your favorite recorded scene stored on tape. It's like having your own web camera and video conferencing system.

USB Interface

USB interface provides an easy way to connect the Digital Handycam camcorder to computers for fast transfer of digital images and MPEG movies stored on Memory Stick media to the PC.

InfoLithium® Battery with AccuPower™ Meter System



Charge the battery at any time because unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium-Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower meter displays the battery time remaining in minutes, in the viewfinder or the LCD screen.

Super NightShot and Color Slow Shutter



With Sony's Super NightShot, capture video in total darkness (0 lux) up to 10 feet away. Super NightShot 0 Lux Recording mode automatically adjusts the shutter speed to increase picture brightness and clarity. Color Slow Shutter mode allows you to record in low light situations with full color detail by slowing down the shutter speed.

▶ STEP-UP FEATURE

DCR-TRV25

ADDITIONAL FEATURES

| | |
|----------------------------------|----------------------------|
| Stamina® Power Management System | Print Mark |
| Progressive Shutter System | Digital Program Editing |
| ▶ 14 Bit DXP A/D Conversion | Picture Effect Modes |
| Photo Mode | Interval/Frame Recording |
| Photo Save | Index Titling |
| Playback Zoom | Intelligent Accessory Shoe |
| PIM (Print Image Matching) | AE Bracketing |
| | Burst Mode |

SPECIFICATIONS

Imaging Device: 1/4.7" 1,070K Gross Pixels, Advanced HAD™ CCD

Video Actual: 690K

Still Actual: 1,000K

F: 1.8-2

Focal Distance: 3.7-37mm

35mm Conversion: 50-500mm (Camera Mode)
42-420mm (Memory Mode)

Filter Diameter: 30mm

Optical Zoom: 10X

Digital Zoom: 120X

Focusing: Full Range Auto/Manual

Minimum Illumination: 7 Lux (0 Lux with NightShot® Infrared System)

NightShot Infrared System: Super NightShot, Color Slow Shutter

Shutter Speed: 1/4-1/4000 (AE Mode)

Memory Mode: Yes, 1152 x 864, 640 x 480

MPEG Movie EX Mode: Yes, 320 x 240, 160 x 112

Viewfinder: Color (113K)

LCD: 2.5" Color (123K)

Accessory Shoe: Yes (Intelligent)

Portable Printer Capable: Yes

Video Input/Output: Yes/Yes (Special and S-Video)

Audio Input/Output: Yes/Yes (Stereo)

i.LINK® DV Interface (IEEE 1394): Yes (4 Pin)

USB Terminal: Yes

USB Streaming: Yes, 320 x 240 (up to 30 frames/sec.)

Headphone Jack: Yes (Mini, Stereo)

Mic-Input: Yes (Stereo)

White Balance: Auto, Outdoor, Indoor, Hold

Exposure: Yes/Dial (24 Step)

Software OS Compatibility: Microsoft® Windows® 98SE, 2000, Me, XP; Macintosh® 8.5.1 - 9.1**

Power Consumption (VF/LCD/VF+LCD): 3.4W/4.2W/4.5W

Dimensions (WHD): 3" x 3 3/4" x 6 1/2" (76mm x 93mm x 162mm)

Weight: 1 lb 9 oz (725g) w/Battery

Supplied Accessories: AC-L10 Power Adapter/In Camera Charger, NP-FM50 InfoLithium Rechargeable Battery, RMT-814 Wireless Remote Commander®, 2 AA Batteries, A/V Cable, Lens Cap, Shoulder Strap, 8MB Memory Stick Media, USB Cable, CD-ROM with USB Driver (PIXELA ImageMixer Ver. 1.0)

worry FREE BATTERY LIFE

| Battery* (Fully charged) | Rec Time VF/LCD/VF+LCD | Playback Time LCD On/Off |
|-----------------------------|---------------------------|-----------------------------|
| NP-FM30 | 90/70/65 min | 90/125 min |
| NP-FM50 | 145/115/105 min | 150/200 min |
| NP-FM70 | 305/245/225 min | 310/415 min |
| NP-QM71 | 355/285/265 min | 365/485 min |
| NP-FM91 | 535/430/400 min | 550/725 min |
| NP-QM91 | 535/430/400 min | 550/725 min |

*Results may vary



MEMORY MODE



| Memory Stick Media | 1152 x 864/640 x 480 | | |
|-----------------------|----------------------|----------|----------|
| | Super Fine | Fine | Standard |
| 8MB | 12/40 | 25/80 | 37/120 |
| 16MB | 25/80 | 50/160 | 74/240 |
| 32MB | 51/160 | 100/325 | 150/485 |
| 64MB | 100/325 | 205/650 | 300/980 |
| 128MB | 205/650 | 415/1310 | 600/1970 |



MPEG MOVIE EX MODE

| Memory Stick Media | Email Mode (160 x 112) | Presentation Mode (320 x 240) |
|-----------------------|---------------------------|----------------------------------|
| 8MB | 5 min 20 sec | 1 min 20 sec |
| 16MB | 10 min 40 sec | 2 min 40 sec |
| 32MB | 21 min 20 sec | 5 min 20 sec |
| 64MB | 42 min 40 sec | 10 min 40 sec |
| 128MB | 85 min 20 sec | 21 min 20 sec |

OPTIONAL ACCESSORIES

| | |
|--|--------------------------------------|
| AC-SC950D AC Quick Charger for Super Quick batteries | VCL-R2030S Telephoto Lens |
| AC-VQ850D AC/DC Adapter Quick Charger | VF-30PK Polarizing Filter Kits |
| PC-VM50 Portable AC Charger | ECM-HS1 Stereo Zoom Microphone |
| DCC-L50 Car Battery Adapter Cable | HVL-S3D 3-Watt Video Light |
| LCS-VA2 Carrying Case | HVL-IRH2 Infrared Light |
| LCS-VA1 Carrying Case | HVL-FDH3 3-Watt Flash/Video Light |
| ACC-KITFM50 Handycam Camcorder Starter Kit | HVL-FH1100 High Quality Hinged Flash |
| VCL-O630S Wide Angle Lens | VCT-870RM Remote Control Tripod |
| | VCT-R610 Lightweight Tripod |
| | VCT-TK1 Pocket Tripod |

* i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE 1394 connector. All products with an IEEE 1394 connector may not communicate with each other.

** Not compatible with USB Streaming.

©2002 Sony Electronics Inc.

Reproduction in whole or in part without written permission is prohibited. All rights reserved.

Sony, AccuPower, Advanced HAD, Handycam, i.LINK, InfoLithium, Memory Stick, NightShot, Remote Commander, Stamina, SteadyShot, SwivelScreen and Worry Free are trademarks of Sony. Carl Zeiss is a trademark of Carl Zeiss. Microsoft and Windows are registered trademarks of Microsoft Corporation. Macintosh is a registered trademark of Apple Computer, Inc.

All other trademarks are property of their respective owners. Features and specifications subject to change without notice. Non-metric weights and measures are approximate.

SONY

Sony Electronics Inc.
16765 West Bernardo Drive
San Diego, CA 92127
www.sony.com/di